

```
chain nodes :
    11   12   13
ring nodes :
    1   2   3   4   5   6   7   8   9
chain bonds :
    4-12   8-11   12-13
ring bonds :
    1-2   1-6   2-3   2-7   3-4   3-9   4-5   5-6   7-8   8-9
exact/norm bonds :
    1-2   1-6   2-3   2-7   3-4   3-9   4-5   4-12   5-6   7-8   8-9   8-11   12-13
Gl:C,S,N
Match level :
    1:Atom   2:Atom   3:Atom   4:Atom   5:Atom   6:Atom   7:Atom   8:Atom   9:Atom   11:CLASS
```

12:CLASS 13:Atom

Welcome to STN International! Enter x:x LOGINID:ssspta1611hxl PASSWORD: TERMINAL (ENTER 1, 2, 3, OR ?):2 Welcome to STN International NEWS Web Page URLs for STN Seminar Schedule - N. America NEWS Apr 08 "Ask CAS" for self-help around the clock NEWS Apr 09 BEILSTEIN: Reload and Implementation of a New Subject Area NEWS Apr 09 ZDB will be removed from STN NEWS Apr 19 US Patent Applications available in IFICDB, IFIPAT, and IFIUDB NEWS Apr 22 Records from IP.com available in CAPLUS, HCAPLUS, and ZCAPLUS NEWS Apr 22 BIOSIS Gene Names now available in TOXCENTER NEWS 8 Apr 22 Federal Research in Progress (FEDRIP) now available NEWS 9 New e-mail delivery for search results now available Jun 03 NEWS 10 Jun 10 MEDLINE Reload NEWS 11 Jun 10 PCTFULL has been reloaded NEWS 12 Jul 02 FOREGE no longer contains STANDARDS file segment NEWS 13 Jul 22 USAN to be reloaded July 28, 2002; saved answer sets no longer valid NEWS 14 Jul 29 Enhanced polymer searching in REGISTRY NEWS 15 Jul 30 NETFIRST to be removed from STN NEWS 16 Aug 08 CANCERLIT reload NEWS 17 Aug 08 PHARMAMarketLetter(PHARMAML) - new on STN NEWS 18 Aug 08 NTIS has been reloaded and enhanced NEWS 19 Aug 19 Aquatic Toxicity Information Retrieval (AQUIRE) now available on STN NEWS 20 Aug 19 IFIPAT, IFICDB, and IFIUDB have been reloaded NEWS 21 Aug 19 The MEDLINE file segment of TOXCENTER has been reloaded Aug 26 NEWS 22 Sequence searching in REGISTRY enhanced Sep 03 NEWS 23 JAPIO has been reloaded and enhanced NEWS 24 Sep 16 Experimental properties added to the REGISTRY file NEWS 25 Sep 16 Indexing added to some pre-1967 records in CA/CAPLUS NEWS 26 Sep 16 CA Section Thesaurus available in CAPLUS and CA NEWS 27 Oct 01 CASREACT Enriched with Reactions from 1907 to 1985 EVENTLINE has been reloaded NEWS 28 Oct 21 NEWS 29 Oct 24 BEILSTEIN adds new search fields NEWS 30 Oct 24 Nutraceuticals International (NUTRACEUT) now available on STN NEWS 31 Oct 25 MEDLINE SDI run of October 8, 2002 NEWS 32 Nov 18 DKILIT has been renamed APOLLIT NEWS EXPRESS October 14 CURRENT WINDOWS VERSION IS V6.01, CURRENT MACINTOSH VERSION IS V6.0a(ENG) AND V6.0Ja(JP), AND CURRENT DISCOVER FILE IS DATED 01 OCTOBER 2002 NEWS HOURS STN Operating Hours Plus Help Desk Availability NEWS INTER General Internet Information NEWS LOGIN Welcome Banner and News Items NEWS PHONE Direct Dial and Telecommunication Network Access to STN CAS World Wide Web Site (general information)

Enter NEWS followed by the item number or name to see news on that specific topic.

All use of STN is subject to the provisions of the STN Customer agreement. Please note that this agreement limits use to scientific research. Use for software development or design or implementation

of commercial gateways or other similar uses is prohibited and may result in loss of user privileges and other penalties.

FILE 'HOME' ENTERED AT 15:40:11 ON 18 NOV 2002

=> fil reg COST IN U.S. DOLLARS

SINCE FILE TOTAL ENTRY SESSION 0.21 0.21

FULL ESTIMATED COST

FILE 'REGISTRY' ENTERED AT 15:40:29 ON 18 NOV 2002 USE IS SUBJECT TO THE TERMS OF YOUR STN CUSTOMER AGREEMENT. PLEASE SEE "HELP USAGETERMS" FOR DETAILS. COPYRIGHT (C) 2002 American Chemical Society (ACS)

Property values tagged with IC are from the ZIC/VINITI data file provided by InfoChem.

STRUCTURE FILE UPDATES: 17 NOV 2002 HIGHEST RN 473759-27-2 DICTIONARY FILE UPDATES: 17 NOV 2002 HIGHEST RN 473759-27-2

TSCA INFORMATION NOW CURRENT THROUGH MAY 20, 2002

Please note that search-term pricing does apply when conducting SmartSELECT searches.

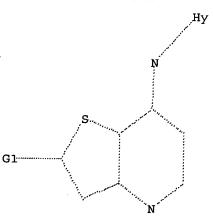
Crossover limits have been increased. See HELP CROSSOVER for details.

Experimental and calculated property data are now available. See HELP PROPERTIES for more information. See STNote 27, Searching Properties in the CAS Registry File, for complete details: http://www.cas.org/ONLINE/STN/STNOTES/stnotes27.pdf

Uploading 09873555.str

L1 STRUCTURE UPLOADED

=> d l1 L1 HAS NO ANSWERS L1 STR



G1 C,S,N

Structure attributes must be viewed using STN Express query preparation.

=> s l1

SAMPLE SEARCH INITIATED 15:41:05 FILE 'REGISTRY' SAMPLE SCREEN SEARCH COMPLETED - 22 TO ITERATE

100.0% PROCESSED

22 ITERATIONS

4 ANSWERS

SEARCH TIME: 00.00.02

FULL FILE PROJECTIONS: ONLINE **COMPLETE**

> BATCH **COMPLETE**

PROJECTED ITERATIONS:

159 TO 721

PROJECTED ANSWERS:

4 TO 200

4 SEA SSS SAM L1

=> d scan

L24 ANSWERS REGISTRY COPYRIGHT 2002 ACS

Pyrrolidine, 3-(cyclopropylmethoxy)-1-[[7-[(2-methyl-1H-indol-5-IN yl)amino]thieno[3,2-b]pyridin-2-yl]carbonyl]-, (3R)- (9CI)

C25 H26 N4 O2 S

Absolute stereochemistry.

PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

HOW MANY MORE ANSWERS DO YOU WISH TO SCAN? (1):end

=> s l1 ful

FULL SEARCH INITIATED 15:41:28 FILE 'REGISTRY' FULL SCREEN SEARCH COMPLETED - 448 TO ITERATE

100.0% PROCESSED 448 ITERATIONS

131 ANSWERS

SEARCH TIME: 00.00.02

 L_3 131 SEA SSS FUL L1

=> fil caplus

COST IN U.S. DOLLARS

SINCE FILE TOTAL ENTRY SESSION

FULL ESTIMATED COST

140.66 140.87

FILE 'CAPLUS' ENTERED AT 15:41:38 ON 18 NOV 2002

USE IS SUBJECT TO THE TERMS OF YOUR STN CUSTOMER AGREEMENT. PLEASE SEE "HELP USAGETERMS" FOR DETAILS.
COPYRIGHT (C) 2002 AMERICAN CHEMICAL SOCIETY (ACS)

Copyright of the articles to which records in this database refer is held by the publishers listed in the PUBLISHER (PB) field (available for records published or updated in Chemical Abstracts after December 26, 1996), unless otherwise indicated in the original publications. The CA Lexicon is the copyrighted intellectual property of the American Chemical Society and is provided to assist you in searching databases on STN. Any dissemination, distribution, copying, or storing of this information, without the prior written consent of CAS, is strictly prohibited.

FILE COVERS 1907 - 18 Nov 2002 VOL 137 ISS 21 FILE LAST UPDATED: 17 Nov 2002 (20021117/ED)

This file contains CAS Registry Numbers for easy and accurate substance identification.

CAS roles have been modified effective December 16, 2001. Please check your SDI profiles to see if they need to be revised. For information on CAS roles, enter HELP ROLES at an arrow prompt or use the CAS Roles thesaurus (/RL field) in this file.

=> s 13 L4 2 L3

=> d ibib abs hitstr 1-YOU HAVE REQUESTED DATA FROM 2 ANSWERS - CONTINUE? Y/(N):y

L4 ANSWER 1 OF 2 CAPLUS COPYRIGHT 2002 ACS ACCESSION NUMBER: 2001:904182 CAPLUS

DOCUMENT NUMBER:

136:37500

TITLE:

Preparation of thiophene derivatives as anticancer

agents

INVENTOR(S):

Luzzio, Michael Joseph; Marx, Matthew Arnold; Yang,

Bingwei Vera

PATENT ASSIGNEE(S):

Pfizer Products Inc., USA

SOURCE:

PCT Int. Appl., 74 pp.

CODEN: PIXXD2

DOCUMENT TYPE:

Patent

LANGUAGE:

English

FAMILY ACC. NUM. COUNT:

PATENT INFORMATION:

```
PATENT NO.
                    KIND DATE
                                          APPLICATION NO. DATE
     ---<del>-</del>------
                          -----
                                          -----
                     A1 20011213
     WO 2001094353
                                          WO 2001-IB766
                                                           20010502
         W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN,
            CO, CR, CU, CZ, DE, DK, DM, DZ, EE, ES, FI, GB, GD, GE, GH, GM,
            HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS,
            LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, PL, PT, RO,
            RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ,
            VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM
        RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY,
            DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR, BF,
            BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG
     US 2002042409
                      A1
                                        US 2001-873555 20010604
                          20020411
PRIORITY APPLN. INFO.:
                                       US 2000-209686P P 20000606
OTHER SOURCE(S):
                        MARPAT 136:37500
GI
```

$$R^{2}$$
 $N-R^{1}$
 X
 Y
 Y
 Y

The prepn. of compds. of the formula [I; X = N, CH, C(CN); Y = N, CH, CF, N.fwdarw.O; R1 = H, (C1-6)alkyl; R2 = 5 to 13 membered heterocycle, optionally substituted by 1 to 5 substituents; R3 = C(O)N(alkyl)2, CO2(alkyl), etc.] or pharmaceutically acceptable salts and hydrates thereof, where prepd. Thus, a multistep synthesis of 100% 7-chloro-thieno[3,2-b]pyridine-2-carboxylic acid amide was demonstrated. The compds. are useful for inhibiting abnormal cell growth, including cancer.

IT 380235-85-8P

RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent)

(intermediate; prepn. of thiophene derivs. as anticancer agents)

RN 380235-85-8 CAPLUS

CN Thieno[3,2-b]pyridine-2-carboxylic acid, 7-[(2-methyl-1H-indol-5-yl)amino]-(9CI) (CA INDEX NAME)

IT 380236-95-3P

RL: PAC (Pharmacological activity); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)

(prepn. of)

RN 380236-95-3 CAPLUS

CN 3-Azabicyclo[3.1.0]hexan-6-amine, N,N-dimethyl-3-[[7-[(2-methyl-1H-indol-5-yl)amino]thieno[3,2-b]pyridin-2-yl]carbonyl]- (9CI) (CA INDEX NAME)

IT 380236-17-9P 380236-36-2P 380236-39-5P 380236-46-4P

RL: PAC (Pharmacological activity); RCT (Reactant); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); RACT (Reactant or reagent); USES (Uses) (prepn. of thiophene derivs. as anticancer agents)
380236-17-9 CAPLUS
Pyrrolidine, 2-(methoxymethyl)-1-[[7-[(2-methyl-1H-indol-5-yl)amino]thieno[3,2-b]pyridin-2-yl]carbonyl]-, (2R)- (9CI) (CA INDEX

Absolute stereochemistry.

RN

CN

RN 380236-36-2 CAPLUS

CN Carbamic acid, [3-[[7-[(2-methyl-1H-indol-5-yl)amino]thieno[3,2-b]pyridin-2-yl]carbonyl]-3-azabicyclo[3.1.0]hex-6-yl]-, 1,1-dimethylethyl ester (9CI) (CA INDEX NAME)

RN 380236-39-5 CAPLUS
CN 1-Piperazinecarboxylic acid, 4-[[7-[(2-methyl-1H-indol-5-yl)amino]thieno[3,2-b]pyridin-2-yl]carbonyl]-, 1,1-dimethylethyl ester
(9CI) (CA INDEX NAME)

RN 380236-46-4 CAPLUS

CN

Carbamic acid, [1-[[7-[(2-methyl-1H-indol-5-yl)amino]thieno[3,2-b]pyridin-2-yl]carbonyl]-3-pyrrolidinyl]-, 1,1-dimethylethyl ester (9CI) (CA INDEX NAME)

```
380235-39-2P 380235-43-8P 380235-47-2P
IT
     380235-51-8P 380235-54-1P 380235-56-3P
     380235-58-5P 380235-60-9P 380235-62-1P
     380235-64-3P 380235-66-5P 380235-68-7P
     380235-70-1P 380235-72-3P 380235-74-5P
     380235-76-7P 380235-78-9P 380235-80-3P
     380235-82-5P 380235-84-7P 380235-86-9P,
     (3-Hydroxypyrrolidin-1-yl) [7-(2-methyl-1H-indol-5-ylamino)thieno[3,2-
     b]pyridin-2-yl]methanone 380235-87-0P 380235-88-1P
     380235-89-2P 380235-90-5P 380235-91-6P
     380235-92-7P 380235-93-8P 380235-94-9P
     380235-95-0P 380235-96-1P 380235-97-2P
     380235-98-3P 380235-99-4P 380236-00-0P
     380236-01-1P 380236-02-2P 380236-03-3P
     380236-04-4P 380236-05-5P 380236-06-6P
     380236-07-7P 380236-08-8P 380236-09-9P
    380236-10-2P 380236-11-3P 380236-12-4P
    380236-13-5P 380236-14-6P 380236-15-7P
    380236-16-8P 380236-18-0P 380236-19-1P
    380236-20-4P 380236-21-5P 380236-22-6P
    380236-23-7P 380236-24-8P 380236-26-0P
    380236-28-2P 380236-30-6P 380236-34-0P
    380236-37-3P 380236-40-8P 380236-43-1P,
     (3-Methoxypyrrolidin-1-yl)[7-(2-methyl-1H-indol-5-ylamino)thieno[3,2-
    b]pyridin-2-yl]methanone 380236-44-2P 380236-45-3P
    380236-47-5P 380236-49-7P 380236-52-2P
    380236-58-8P 380236-60-2P 380236-64-6P
    380236-67-9P 380236-70-4P 380236-73-7P
    380236-75-9P 380236-77-1P 380236-79-3P
    380236-81-7P 380236-82-8P 380236-83-9P
    380236-84-0P 380236-85-1P 380236-86-2P
    380236-89-5P 380236-90-8P 380236-91-9P
    380236-92-0P 380236-97-5P 380236-98-6P
    380236-99-7P 380237-00-3P 380237-01-4P
    380237-03-6P 380237-05-8P 380237-06-9P
    380237-07-0P 380237-09-2P 380237-10-5P
    380237-11-6P 380237-13-8P 380237-14-9P
    380237-15-0P 380237-16-1P 380237-18-3P
    380237-20-7P 380237-21-8P 380237-22-9P
    380237-25-2P 380237-26-3P 380237-27-4P
    380237-28-5P 380237-29-6P 380237-30-9P
    380237-31-0P 380237-32-1P 380237-34-3P
    380237-35-4P 380237-36-5P 380237-37-6P
    380237-38-7P 380237-39-8P 380237-41-2P
    RL: PAC (Pharmacological activity); SPN (Synthetic preparation); THU
```

(Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)

(prepn. of thiophene derivs. as anticancer agents)

RN 380235-39-2 CAPLUS

CN Pyrrolidine, 1-[[7-[(2-methyl-1H-indol-5-yl)amino]thieno[3,2-b]pyridin-2-yl]carbonyl]- (9CI) (CA INDEX NAME)

RN 380235-43-8 CAPLUS

CN Thieno[3,2-b]pyridine-2-carboxamide, N-ethyl-7-[(2-methyl-1H-indol-5-yl)amino]- (9CI) (CA INDEX NAME)

RN 380235-47-2 CAPLUS

CN Thieno[3,2-b]pyridine-2-carboxamide, 7-[(2-methyl-1H-indol-5-yl)amino]-(9CI) (CA INDEX NAME)

RN 380235-51-8 CAPLUS

CN Thieno[3,2-b]pyridine-2-carboxamide, N,N-dimethyl-7-[(2-methyl-1H-indol-5-yl)amino]- (9CI) (CA INDEX NAME)

RN 380235-54-1 CAPLUS

CN Thieno[3,2-b]pyridine-2-carboxamide, 7-[(2-methyl-1H-indol-5-yl)amino]-N-(3-pyridinylmethyl)- (9CI) (CA INDEX NAME)

RN 380235-56-3 CAPLUS

CN Thieno[3,2-b]pyridine-2-carboxamide, N-methyl-7-[(2-methyl-1H-indol-5-yl)amino]- (9CI) (CA INDEX NAME)

RN 380235-58-5 CAPLUS

CN Thieno[3,2-b]pyridine-2-carboxamide, 7-[(2-methyl-1H-indol-5-yl)amino]-N-(2-pyridinylmethyl)- (9CI) (CA INDEX NAME)

RN 380235-60-9 CAPLUS

CN Thieno[3,2-b]pyridine-2-carboxamide, N-[2-(dimethylamino)ethyl]-7-[(2-methyl-1H-indol-5-yl)amino]- (9CI) (CA INDEX NAME)

RN 380235-62-1 CAPLUS

CN Thieno[3,2-b]pyridine-2-carboxamide, 7-[(2-methyl-1H-indol-5-yl)amino]-N-[3-(4-methyl-1-piperazinyl)propyl]- (9CI) (CA INDEX NAME)

RN 380235-64-3 CAPLUS

CN Thieno[3,2-b]pyridine-2-carboxamide, 7-[(2-methyl-1H-indol-5-yl)amino]-N-[3-(4-morpholinyl)propyl]- (9CI) (CA INDEX NAME)

RN 380235-66-5 CAPLUS

CN Thieno[3,2-b]pyridine-2-carboxamide, 7-[(2-methyl-1H-indol-5-yl)amino]-N-(4-pyridinylmethyl)- (9CI) (CA INDEX NAME)

RN 380235-68-7 CAPLUS

CN Thieno[3,2-b]pyridine-2-carboxamide, 7-[(2-methyl-1H-indol-5-yl)amino]-N-[2-(2-pyridinyl)ethyl]- (9CI) (CA INDEX NAME)

$$\begin{array}{c|c} & H & Me \\ \hline & NH & \\ & O & \\ & C-NH-CH_2-CH_2 \\ \hline & N & \\ \end{array}$$

RN 380235-70-1 CAPLUS

CN Thieno[3,2-b]pyridine-2-carboxamide, 7-[(2-methyl-1H-indol-5-yl)amino]-N-4-pyridinyl- (9CI) (CA INDEX NAME)

RN 380235-72-3 CAPLUS

CN Thieno[3,2-b]pyridine-2-carboxamide, 7-[(2-methyl-1H-indol-5-yl)amino]-N-[2-(4-morpholinyl)ethyl]- (9CI) (CA INDEX NAME)

RN 380235-74-5 CAPLUS

CN Thieno[3,2-b]pyridine-2-carboxamide, 7-[(2-methyl-1H-indol-5-yl)amino]-N-[2-(4-pyridinyl)ethyl]- (9CI) (CA INDEX NAME)

RN 380235-76-7 CAPLUS

CN Thieno[3,2-b]pyridine-2-carboxamide, 7-[(2-methyl-1H-indol-5-yl)amino]-N-[2-(1-piperidinyl)ethyl]- (9CI) (CA INDEX NAME)

RN 380235-78-9 CAPLUS

CN Thieno[3,2-b]pyridine-2-carboxamide, 7-[(2-methyl-1H-indol-5-yl)amino]-N-3-pyridinyl- (9CI) (CA INDEX NAME)

RN 380235-80-3 CAPLUS

CN Thieno[3,2-b]pyridine-2-carboxamide, 7-[(2-methyl-1H-indol-5-yl)amino]-N-[2-(3-pyridinyl)ethyl]- (9CI) (CA INDEX NAME)

RN 380235-82-5 CAPLUS

CN Morpholine, 4-[[7-[(2-methyl-1H-indol-5-yl)amino]thieno[3,2-b]pyridin-2-yl]carbonyl]- (9CI) (CA INDEX NAME)

RN 380235-84-7 CAPLUS
CN Thieno[3,2-b]pyridine-2-carbonitrile, 7-[(2-methyl-1H-indol-5-yl)amino](9CI) (CA INDEX NAME)

RN 380235-86-9 CAPLUS
CN 3-Pyrrolidinol, 1-[[7-[(2-methyl-1H-indol-5-yl)amino]thieno[3,2-b]pyridin-2-yl]carbonyl]- (9CI) (CA INDEX NAME)

RN 380235-87-0 CAPLUS
CN Thieno[3,2-b]pyridine-2-carboxamide, N-methyl-7-[(2-methyl-1H-indol-5-yl)amino]-N-(3-pyridinylmethyl)- (9CI) (CA INDEX NAME)

RN 380235-88-1 CAPLUS

CN Piperazine, 1-methyl-4-[[7-[(2-methyl-1H-indol-5-yl)amino]thieno[3,2-b]pyridin-2-yl]carbonyl]- (9CI) (CA INDEX NAME)

RN 380235-89-2 CAPLUS

CN Thieno[3,2-b]pyridine-2-carboxamide, 7-[(2-methyl-1H-indol-5-yl)amino]-N-2-thiazolyl- (9CI) (CA INDEX NAME)

RN 380235-90-5 CAPLUS

CN Thieno[3,2-b]pyridine-2-carboxamide, N,N-diethyl-7-[(2-methyl-1H-indol-5-yl)amino]- (9CI) (CA INDEX NAME)

RN 380235-91-6 CAPLUS

CN Thieno[3,2-b]pyridine-2-carboxamide, N-ethyl-N-methyl-7-[(2-methyl-1H-indol-5-yl)amino]- (9CI) (CA INDEX NAME)

RN · 380235-92-7 CAPLUS

CN Azetidine, 1-[[7-[(2-methyl-1H-indol-5-yl)amino]thieno[3,2-b]pyridin-2-yl]carbonyl]- (9CI) (CA INDEX NAME)

RN 380235-93-8 CAPLUS

CN Isoquinoline, 1,2,3,4-tetrahydro-2-[[7-[(2-methyl-1H-indol-5-yl)amino]thieno[3,2-b]pyridin-2-yl]carbonyl]- (9CI) (CA INDEX NAME)

RN 380235-94-9 CAPLUS

CN Thieno[3,2-b]pyridine-2-carboxamide, N-[2-(dimethylamino)ethyl]-N-methyl-7-[(2-methyl-1H-indol-5-yl)amino]- (9CI) (CA INDEX NAME)

$$\begin{array}{c|c} H & \text{Me} \\ \hline NH & O & \text{Me} \\ \hline \parallel & \\ C-N-CH_2-CH_2-NMe_2 \\ \end{array}$$

RN 380235-95-0 CAPLUS

CN Thieno[3,2-b]pyridine-2-carboxamide, N-cyclohexyl-N-methyl-7-[(2-methyl-1H-indol-5-yl)amino]- (9CI) (CA INDEX NAME)

RN 380235-96-1 CAPLUS

CN Thieno[3,2-b]pyridine-2-carboxamide, N-cyclohexyl-7-[(2-methyl-1H-indol-5-yl)amino]- (9CI) (CA INDEX NAME)

RN 380235-97-2 CAPLUS
CN Aziridine, 1-[[7-[(2-methyl-1H-indol-5-yl)amino]thieno[3,2-b]pyridin-2-yl]carbonyl]- (9CI) (CA INDEX NAME)

RN 380235-98-3 CAPLUS
CN Pyrrolidine, 2-(methoxymethyl)-1-[[7-[(2-methyl-1H-indol-5-yl)amino]thieno[3,2-b]pyridin-2-yl]carbonyl]-, (2S)- (9CI) (CA INDEX NAME)

Absolute stereochemistry.

RN 380235-99-4 CAPLUS
CN Pyrrolidine, 2,5-dimethyl-1-[[7-[(2-methyl-1H-indol-5-yl)amino]thieno[3,2-b]pyridin-2-yl]carbonyl]- (9CI) (CA INDEX NAME)

RN 380236-00-0 CAPLUS

CN Piperidine, 2,6-dimethyl-1-[[7-[(2-methyl-1H-indol-5-yl)amino]thieno[3,2-b]pyridin-2-yl]carbonyl]- (9CI) (CA INDEX NAME)

RN 380236-01-1 CAPLUS

CN Acetamide, N-[1-[[7-[(2-methyl-1H-indol-5-yl)amino]thieno[3,2-b]pyridin-2-yl]carbonyl]-3-pyrrolidinyl]- (9CI) (CA INDEX NAME)

RN 380236-02-2 CAPLUS

CN Acetamide, N-ethyl-N-[1-[[7-[(2-methyl-1H-indol-5-yl)amino]thieno[3,2-b]pyridin-2-yl]carbonyl]-3-pyrrolidinyl]- (9CI) (CA INDEX NAME)

RN 380236-03-3 CAPLUS

CN Thieno[3,2-b]pyridine-2-carboxamide, N,N-bis(1-methylethyl)-7-[(2-methyl-1H-indol-5-yl)amino]- (9CI) (CA INDEX NAME)

RN 380236-04-4 CAPLUS

CN 2-Pyrrolidinecarboxamide, 1-[[7-[(2-methyl-1H-indol-5-yl)amino]thieno[3,2-b]pyridin-2-yl]carbonyl]-, (2S)- (9CI) (CA INDEX NAME)

Absolute stereochemistry.

RN 380236-05-5 CAPLUS

CN Thiomorpholine, 4-[[7-[(2-methyl-1H-indol-5-yl)amino]thieno[3,2-b]pyridin-2-yl]carbonyl]- (9CI) (CA INDEX NAME)

RN 380236-06-6 CAPLUS
CN 3-Piperidinecarboxylic acid, 1-[[7-[(2-methyl-1H-indol-5-yl)amino]thieno[3,2-b]pyridin-2-yl]carbonyl]-, ethyl ester (9CI) (CIINDEX NAME)

RN 380236-07-7 CAPLUS
CN 3-Pyrrolidinamine, N-methyl-1-[[7-[(2-methyl-1H-indol-5-yl)amino]thieno[3,2-b]pyridin-2-yl]carbonyl]- (9CI) (CA INDEX NAME)

RN 380236-08-8 CAPLUS
CN 2-Pyrrolidinecarboxamide, N,N-dimethyl-1-[[7-[(2-methyl-1H-indol-5-yl)amino]thieno[3,2-b]pyridin-2-yl]carbonyl]-, (2S)- (9CI) (CA INDEX NAME)

Absolute stereochemistry.

RN 380236-09-9 CAPLUS

CN Thieno[3,2-b]pyridine-2-carboxamide, N-(2-methoxyethyl)-N-methyl-7-[(2-methyl-1H-indol-5-yl)amino]- (9CI) (CA INDEX NAME)

RN 380236-10-2 CAPLUS

CN Thieno[3,2-b]pyridine-2-carboxamide, 7-[(2-methyl-1H-indol-5-yl)amino]-N-(2,2,2-trifluoroethyl)- (9CI) (CA INDEX NAME)

RN 380236-11-3 CAPLUS

CN 3-Pyrrolidinamine, N,N-dimethyl-1-[[7-[(2-methyl-1H-indol-5-yl)amino]thieno[3,2-b]pyridin-2-yl]carbonyl]-, (3S)- (9CI) (CA INDEX NAME)

Absolute stereochemistry.

RN 380236-12-4 CAPLUS

CN 3-Pyrrolidinamine, 1-[[7-[(2-methyl-1H-indol-5-yl)amino]thieno[3,2-b]pyridin-2-yl]carbonyl]-, (3S)- (9CI) (CA INDEX NAME)

Absolute stereochemistry.

$$H_2N$$

RN 380236-13-5 CAPLUS

CN L-Proline, 1-[[7-[(2-methyl-1H-indol-5-yl)amino]thieno[3,2-b]pyridin-2-yl]carbonyl]- (9CI) (CA INDEX NAME)

Absolute stereochemistry.

RN 380236-14-6 CAPLUS

CN Thieno[3,2-b]pyridine-2-carboxamide, 7-[(2-methyl-1H-indol-5-yl)amino]-N,N-bis(2,2,2-trifluoroethyl)- (9CI) (CA INDEX NAME)

RN 380236-15-7 CAPLUS

CN Acetamide, N-methyl-N-[1-[[7-[(2-methyl-1H-indol-5-yl)amino]thieno[3,2-b]pyridin-2-yl]carbonyl]-3-pyrrolidinyl]- (9CI) (CA INDEX NAME)

RN 380236-16-8 CAPLUS

CN 3-Pyrrolidinamine, N,N-dimethyl-1-[[7-[(2-methyl-1H-indol-5-yl)amino]thieno[3,2-b]pyridin-2-yl]carbonyl]-, (3R)- (9CI) (CA INDEX NAME)

Absolute stereochemistry.

$$\frac{1}{N}$$
 Me $\frac{1}{N}$ Me $\frac{1$

RN 380236-18-0 CAPLUS

CN 2-Pyrrolidinemethanol, 1-[[7-[(2-methyl-1H-indol-5-yl)amino]thieno[3,2-b]pyridin-2-yl]carbonyl]-, (2R)- (9CI) (CA INDEX NAME)

Absolute stereochemistry.

RN 380236-19-1 CAPLUS

CN 2-Pyrrolidinemethanol, 1-[[7-[(2-methyl-1H-indol-5-yl)amino]thieno[3,2-b]pyridin-2-yl]carbonyl]-, (2S)- (9CI) (CA INDEX NAME)

Absolute stereochemistry.

RN 380236-20-4 CAPLUS

CN 3-Pyrrolidinol, 1-[[7-[(2-methyl-1H-indol-5-yl)amino]thieno[3,2-b]pyridin-2-yl]carbonyl]-, (3S)- (9CI) (CA INDEX NAME)

Absolute stereochemistry.

RN 380236-21-5 CAPLUS

CN 3-Pyrrolidinol, 1-[[7-[(2-methyl-1H-indol-5-yl)amino]thieno[3,2-b]pyridin-

2-yl]carbonyl]-, (3R)- (9CI) (CA INDEX NAME)

Absolute stereochemistry.

RN 380236-22-6 CAPLUS

CN 3-Azabicyclo[3.1.0]hexane-6-methanol, 3-[[7-[(2-methyl-1H-indol-5-yl)amino]thieno[3,2-b]pyridin-2-yl]carbonyl]- (9CI) (CA INDEX NAME)

RN 380236-23-7 CAPLUS

CN Piperidine, 1-[[7-[(2-methyl-1H-indol-5-yl)amino]thieno[3,2-b]pyridin-2-yl]carbonyl]- (9CI) (CA INDEX NAME)

RN 380236-24-8 CAPLUS

CN 3,4-Pyrrolidinediol, 1-[[7-[(2-methyl-1H-indol-5-yl)amino]thieno[3,2-b]pyridin-2-yl]carbonyl]- (9CI) (CA INDEX NAME)

RN 380236-26-0 CAPLUS

CN Thieno[3,2-b]pyridine-2-carboxamide, N-methyl-7-[(2-methyl-1H-indol-5-yl)amino]-N-(4-pyridinylmethyl)- (9CI) (CA INDEX NAME)

RN 380236-28-2 CAPLUS

CN Thieno[3,2-b]pyridine-2-carboxamide, N-methyl-7-[(2-methyl-1H-indol-5-yl)amino]-N-(2-pyridinylmethyl)- (9CI) (CA INDEX NAME)

RN 380236-30-6 CAPLUS

CN Thieno[3,2-b]pyridine-2-carboxamide, N-methyl-7-[(2-methyl-1H-indol-5-yl)amino]-N-[2-(4-morpholinyl)ethyl]- (9CI) (CA INDEX NAME)

RN 380236-34-0 CAPLUS

CN Cyclobutanecarboxamide, N-[1-[[7-[(2-methyl-1H-indol-5-yl)amino]thieno[3,2-b]pyridin-2-yl]carbonyl]-3-pyrrolidinyl]- (9CI) (CA INDEX NAME)

RN 380236-37-3 CAPLUS

CN 3-Azabicyclo[3.1.0]hexan-6-amine, 3-[[7-[(2-methyl-1H-indol-5-yl)amino]thieno[3,2-b]pyridin-2-yl]carbonyl]- (9CI) (CA INDEX NAME)

RN 380236-40-8 CAPLUS

CN Piperazine, 1-[[7-[(2-methyl-1H-indol-5-yl)amino]thieno[3,2-b]pyridin-2-yl]carbonyl]- (9CI) (CA INDEX NAME)

RN380236-43-1 CAPLUS

Pyrrolidine, 3-methoxy-1-[[7-[(2-methyl-1H-indol-5-yl)amino]thieno[3,2-CN b]pyridin-2-yl]carbonyl]- (9CI) (CA INDEX NAME)

RN380236-44-2 CAPLUS

Pyrrolidine, 3-methoxy-1-[[7-[(2-methyl-1H-indol-5-yl)amino]thieno[3,2-CN b]pyridin-2-yl]carbonyl]-, (3R)- (9CI) (CA INDEX NAME)

Absolute stereochemistry.

RN

380236-45-3 CAPLUS
Pyrrolidine, 3-methoxy-1-[[7-[(2-methyl-1H-indol-5-yl)amino]thieno[3,2-CN b]pyridin-2-yl]carbonyl]-, (3S)- (9CI) (CA INDEX NAME)

Absolute stereochemistry.

RN 380236-47-5 CAPLUS 3-Pyrrolidinamine, 1-[[7-[(2-methyl-1H-indol-5-yl)amino]thieno[3,2-CN b]pyridin-2-yl]carbonyl] - (9CI) (CA INDEX NAME)

RN380236-49-7 CAPLUS CN

3-Pyrrolidinamine, N-[(dimethylamino)sulfonyl]-1-[[7-[(2-methyl-1H-indol-5-yl)amino]thieno[3,2-b]pyridin-2-yl]carbonyl]- (9CI) (CA INDEX NAME)

RN 380236-52-2 CAPLUS

3-Pyrrolidinamine, 1-[[7-[(2-methyl-1H-indol-5-yl)amino]thieno[3,2-CN b]pyridin-2-yl]carbonyl]-N-(methylsulfonyl)- (9CI) (CA INDEX NAME)

RN 380236-58-8 CAPLUS

CN Cyclobutanecarboxamide, N-methyl-N-[1-[[7-[(2-methyl-1H-indol-5-yl)amino]thieno[3,2-b]pyridin-2-yl]carbonyl]-3-pyrrolidinyl]- (9CI) (CAINDEX NAME)

RN 380236-60-2 CAPLUS

CN 3-Pyrrolidinamine, N-[(dimethylamino)sulfonyl]-N-methyl-1-[[7-[(2-methyl-1H-indol-5-yl)amino]thieno[3,2-b]pyridin-2-yl]carbonyl]- (9CI) (CA INDEX NAME)

RN 380236-64-6 CAPLUS CN 3-Pyrrolidinamine

3-Pyrrolidinamine, N-methyl-1-[[7-[(2-methyl-1H-indol-5-yl)amino]thieno[3,2-b]pyridin-2-yl]carbonyl]-N-(methylsulfonyl)- (9CI) (CA INDEX NAME)

RN380236-67-9 CAPLUS

Propanamide, N-[1-[[7-[(2-methyl-1H-indol-5-yl)amino]thieno[3,2-b]pyridin-2-yl]carbonyl]-3-pyrrolidinyl]- (9CI) (CA INDEX NAME) . CN

RN380236-70-4 CAPLUS

Pyrrolidine, 3-ethoxy-1-[[7-[(2-methyl-1H-indol-5-yl)amino]thieno[3,2-CN b]pyridin-2-yl]carbonyl]-, (3S)- (9CI) (CA INDEX NAME)

Absolute stereochemistry.

RN

380236-73-7 CAPLUS
Pyrrolidine, 3-ethoxy-1-[[7-[(2-methyl-1H-indol-5-yl)amino]thieno[3,2-CN b]pyridin-2-yl]carbonyl]-, (3R)- (9CI) (CA INDEX NAME)

Absolute stereochemistry.

RN 380236-75-9 CAPLUS

CN Pyrrolidine, 3-(cyclopropylmethoxy)-1-[[7-[(2-methyl-1H-indol-5-yl)amino]thieno[3,2-b]pyridin-2-yl]carbonyl]-, (3R)- (9CI) (CA INDEX NAME)

Absolute stereochemistry.

RN 380236-77-1 CAPLUS

CN Pyrrolidine, 3-(cyclopropylmethoxy)-1-[[7-[(2-methyl-1H-indol-5-yl)amino]thieno[3,2-b]pyridin-2-yl]carbonyl]-, (3S)- (9CI) (CA INDEX NAME)

Absolute stereochemistry.

RN 380236-79-3 CAPLUS

CN Pyrrolidine, 3-(2-methoxyethoxy)-1-[[7-[(2-methyl-1H-indol-5-

yl)amino]thieno[3,2-b]pyridin-2-yl]carbonyl]-, (3R)- (9CI) (CA INDEX NAME)

Absolute stereochemistry.

RN 380236-81-7 CAPLUS

CN Pyrrolidine, 3-(2-methoxyethoxy)-1-[[7-[(2-methyl-1H-indol-5-yl)amino]thieno[3,2-b]pyridin-2-yl]carbonyl]-, (3S)- (9CI) (CA INDEX NAME)

Absolute stereochemistry.

RN 380236-82-8 CAPLUS

CN Thieno[3,2-b]pyridine-2-carboxamide, N-methyl-7-[(2-methyl-1H-indol-5-yl)amino]-N-[1-(phenylmethyl)-3-pyrrolidinyl]- (9CI) (CA INDEX NAME)

RN 380236-83-9 CAPLUS

CN Pyrrolidine, 1-[[7-[(2-methyl-1H-indol-5-yl)amino]thieno[3,2-b]pyridin-2-yl]carbonyl]-2-(1-pyrrolidinylmethyl)-, (2S)- (9CI) (CA INDEX NAME)

Absolute stereochemistry.

RN 380236-84-0 CAPLUS

CN Pyrrolidine, 2-(diphenylmethyl)-1-[[7-[(2-methyl-1H-indol-5-yl)amino]thieno[3,2-b]pyridin-2-yl]carbonyl]-, (2S)- (9CI) (CA INDEX NAME)

Absolute stereochemistry.

RN 380236-85-1 CAPLUS

CN 2-Pyrrolidinemethanamine, 1-[[7-[(2-methyl-1H-indol-5-yl)amino]thieno[3,2-b]pyridin-2-yl]carbonyl]-N-phenyl-, (2S)- (9CI) (CA INDEX NAME)

Absolute stereochemistry.

RN 380236-86-2 CAPLUS

CN 3,4-Pyrrolidinediol, 1-[[7-[(2-methyl-1H-indol-5-yl)amino]thieno[3,2-b]pyridin-2-yl]carbonyl]-, (3R,4R)- (9CI) (CA INDEX NAME)

Absolute stereochemistry.

RN 380236-89-5 CAPLUS

CN Pyrrolidine, 3,4-dimethoxy-1-[[7-[(2-methyl-1H-indol-5-yl)amino]thieno[3,2-b]pyridin-2-yl]carbonyl]-, (3S,4S)- (9CI) (CA INDEX NAME)

Absolute stereochemistry.

RN 380236-90-8 CAPLUS

CN Pyrrolidine, 3,4-dimethoxy-1-[[7-[(2-methyl-1H-indol-5-yl)amino]thieno[3,2-b]pyridin-2-yl]carbonyl]-, (3R,4R)- (9CI) (CA INDEX NAME)

Absolute stereochemistry.

RN 380236-91-9 CAPLUS

CN Pyrrolidine, 3,4-dimethoxy-1-[[7-[(2-methyl-1H-indol-5-yl)amino]thieno[3,2-b]pyridin-2-yl]carbonyl]-, (3R,4S)-rel- (9CI) (CA INDEX NAME)

Relative stereochemistry.

RN 380236-92-0 CAPLUS

CN 2-Pyrrolidinemethanol, .alpha.,.alpha.-dimethyl-1-[[7-[(2-methyl-1H-indol-5-yl)amino]thieno[3,2-b]pyridin-2-yl]carbonyl]-, (2S)- (9CI) (CA INDEX NAME)

RN

380236-97-5 CAPLUS
Pyrrolidine, 1-[[7-[(2-methyl-1H-indol-5-yl)amino]thieno[3,2-b]pyridin-2-CN yl]carbonyl]-2-(4-morpholinylmethyl)-, (2S)- (9CI) (CA INDEX NAME)

Absolute stereochemistry.

RN 380236-98-6 CAPLUS

Pyrrolidine, 1-[[7-[(2-methyl-1H-indol-5-yl)amino]thieno[3,2-b]pyridin-2yl]carbonyl]-2-(4-morpholinylmethyl)-, (2R)- (9CI) (CA INDEX NAME)

Absolute stereochemistry.

RN 380236-99-7 CAPLUS

2-Pyrrolidinemethanamine, N,N-dimethyl-1-[[7-[(2-methyl-1H-indol-5-CNyl)amino]thieno[3,2-b]pyridin-2-yl]carbonyl]-, (2S)- (9CI) (CA INDEX NAME)

RN 380237-00-3 CAPLUS

CN Pyrrolidine, 1-[[7-[(2-methyl-1H-indol-5-yl)amino]thieno[3,2-b]pyridin-2-yl]carbonyl]-2-(1-pyrrolidinylmethyl)-, (2R)- (9CI) (CA INDEX NAME)

Absolute stereochemistry.

RN 380237-01-4 CAPLUS

CN Pyrrolidine, 1-[[7-[(2,3-dimethyl-1H-indol-5-yl)amino]thieno[3,2-b]pyridin-2-yl]carbonyl]-3-methoxy-, (3R)- (9CI) (CA INDEX NAME)

RN 380237-03-6 CAPLUS

CN Pyrrolidine, 1-[[7-[(2,3-dimethyl-1H-indol-5-yl)amino]thieno[3,2-b]pyridin-2-yl]carbonyl]-3-methoxy-, (3S)- (9CI) (CA INDEX NAME)

Absolute stereochemistry.

RN 380237-05-8 CAPLUS

CN Pyrrolidine, 1-[[7-[(2,3-dimethyl-1H-indol-5-yl)amino]thieno[3,2-b]pyridin-2-yl]carbonyl]-2-(methoxymethyl)-, (2R)- (9CI) (CA INDEX NAME)

Absolute stereochemistry.

RN 380237-06-9 CAPLUS

CN Pyrrolidine, 1-[[7-[(2,3-dimethyl-1H-indol-5-yl)amino]thieno[3,2-b]pyridin-2-yl]carbonyl]-2-(methoxymethyl)-, (2S)- (9CI) (CA INDEX NAME)

RN 380237-07-0 CAPLUS

CN Pyrrolidine, 1-[[7-[(3-chloro-2-methyl-1H-indol-5-yl)amino]thieno[3,2-b]pyridin-2-yl]carbonyl]-3-methoxy-, (3R)- (9CI) (CA INDEX NAME)

Absolute stereochemistry.

RN 380237-09-2 CAPLUS

CN Pyrrolidine, 1-[[7-[(3-chloro-2-methyl-1H-indol-5-yl)amino]thieno[3,2-b]pyridin-2-yl]carbonyl]-3-methoxy-, (3S)- (9CI) (CA INDEX NAME)

Absolute stereochemistry.

RN 380237-10-5 CAPLUS

CN Pyrrolidine, 1-[[7-[(3-chloro-2-methyl-1H-indol-5-yl)amino]thieno[3,2-b]pyridin-2-yl]carbonyl]-2-(methoxymethyl)-, (2R)- (9CI) (CA INDEX NAME)

Absolute stereochemistry.

RN 380237-11-6 CAPLUS

CN Pyrrolidine, 1-[[7-[(3-chloro-2-methyl-1H-indol-5-yl)amino]thieno[3,2-b]pyridin-2-yl]carbonyl]-2-(methoxymethyl)-, (2S)- (9CI) (CA INDEX NAME)

Absolute stereochemistry.

RN 380237-13-8 CAPLUS

CN Azetidine, 1-[[7-[(2-methyl-1H-indol-5-yl)amino]thieno[3,2-b]pyridin-2-yl]carbonyl]-3-(1-pyrrolidinyl)- (9CI) (CA INDEX NAME)

RN 380237-14-9 CAPLUS

CN 3-Azetidinamine, N,N-dimethyl-1-[[7-[(2-methyl-1H-indol-5-yl)amino]thieno[3,2-b]pyridin-2-yl]carbonyl]- (9CI) (CA INDEX NAME)

RN 380237-15-0 CAPLUS

CN 3-Azetidinamine, N,N-diethyl-1-[[7-[(2-methyl-1H-indol-5-yl)amino]thieno[3,2-b]pyridin-2-yl]carbonyl]- (9CI) (CA INDEX NAME)

RN 380237-16-1 CAPLUS

CN Azetidine, 1-[[7-[(2-methyl-1H-indol-5-yl)amino]thieno[3,2-b]pyridin-2-yl]carbonyl]-3-(4-morpholinyl)- (9CI) (CA INDEX NAME)

RN 380237-18-3 CAPLUS

CN Piperazine, 1-acetyl-4-[[7-[(2-methyl-1H-indol-5-yl)amino]thieno[3,2-b]pyridin-2-yl]carbonyl]- (9CI) (CA INDEX NAME)

RN 380237-20-7 CAPLUS

CN Piperazine, 1-[[7-[(2-methyl-1H-indol-5-yl)amino]thieno[3,2-b]pyridin-2-yl]carbonyl]-4-(methylsulfonyl)- (9CI) (CA INDEX NAME)

$$\begin{array}{c|c} & & & \\ & & & \\ & & & \\ NH & & \\ & & \\ & & \\ & & \\ & & \\ & & \\ & & \\ & & \\ & & \\ & & \\ & & \\ & & \\ & & \\ & & \\ & & \\ & & \\ & & \\ & & \\ & & \\ & & \\ & & \\ & & \\ & & \\ & & \\ & & \\ & & \\ & & \\ & & \\ & & \\ & & \\ & & \\ & & \\ & & \\ & & \\ & & \\ & & \\ & & \\ & & \\ & & \\ & & \\ & & \\ & & \\ & & \\ & & \\ & & \\ & & \\ & & \\ & & \\ & & \\ & & \\ & & \\ & & \\ & & \\ & & \\ & & \\ & & \\ & & \\ & & \\ & & \\ & & \\ & & \\ & & \\ & & \\ & & \\ & & \\ & & \\ & & \\ & & \\ & & \\ & & \\ & & \\ & & \\ & & \\ & & \\ & & \\ & & \\ & & \\ & & \\ & & \\ & & \\ & & \\ & & \\ & & \\ & & \\ & & \\ & & \\ & & \\ & & \\ & & \\ & & \\ & & \\ & & \\ & & \\ & & \\ & & \\ & & \\ & & \\ & & \\ & & \\ & & \\ & & \\ & & \\ & & \\ & & \\ & & \\ & & \\ & & \\ & & \\ & & \\ & & \\ & & \\ & & \\ & & \\ & & \\ & & \\ & & \\ & & \\ & & \\ & & \\ & & \\ & & \\ & & \\ & & \\ & & \\ & & \\ & & \\ & & \\ & & \\ & & \\ & & \\ & & \\ & & \\ & & \\ & & \\ & & \\ & & \\ & & \\ & & \\ & & \\ & & \\ & & \\ & & \\ & & \\ & & \\ & & \\ & & \\ & & \\ & & \\ & & \\ & & \\ & & \\ & & \\ & & \\ & & \\ & & \\ & & \\ & & \\ & & \\ & & \\ & & \\ & & \\ & & \\ & & \\ & & \\ & & \\ & & \\ & & \\ & & \\ & & \\ & & \\ & & \\ & & \\ & & \\ & & \\ & & \\ & & \\ & & \\ & & \\ & & \\ & & \\ & & \\ & & \\ & & \\ & & \\ & & \\ & & \\ & & \\ & & \\ & & \\ & & \\ & & \\ & & \\ & & \\ & & \\ & & \\ & & \\ & & \\ & & \\ & & \\ & & \\ & & \\ & & \\ & & \\ & & \\ & & \\ & & \\ & & \\ & & \\ & & \\ & & \\ & & \\ & & \\ & & \\ & & \\ & & \\ & & \\ & & \\ & & \\ & & \\ & & \\ & & \\ & & \\ & & \\ & & \\ & & \\ & & \\ & & \\ & & \\ & & \\ & & \\ & & \\ & & \\ & & \\ & & \\ & & \\ & & \\ & & \\ & & \\ & & \\ & & \\ & & \\ & & \\ & & \\ & & \\ & & \\ & & \\ & & \\ & & \\ & & \\ & & \\ & & \\ & & \\ & & \\ & & \\ & & \\ & & \\ & & \\ & & \\ & & \\ & & \\ & & \\ & & \\ & & \\ & & \\ & & \\ & & \\ & & \\ & & \\ & & \\ & & \\ & & \\ & & \\ & & \\ & & \\ & & \\ & & \\ & & \\ & & \\ & & \\ & & \\ & & \\ & & \\ & & \\ & & \\ & & \\ & & \\ & & \\ & & \\ & & \\ & & \\ & & \\ & & \\ & & \\ & & \\ & & \\ & & \\ & & \\ & & \\ & & \\ & & \\ & & \\ & & \\ & & \\ & & \\ & & \\ & & \\ & & \\ & & \\ & & \\ & & \\ & & \\ & & \\ & & \\ & & \\ & & \\ & & \\ & & \\ & & \\ & & \\ & & \\ & & \\ & & \\ & & \\ & & \\ & & \\ & & \\ & & \\ & & \\ & & \\ & & \\ & & \\ & & \\ & & \\ & & \\ & & \\$$

RN 380237-21-8 CAPLUS

CN 1-Piperazinesulfonamide, N,N-dimethyl-4-[[7-[(2-methyl-1H-indol-5-yl)amino]thieno[3,2-b]pyridin-2-yl]carbonyl]- (9CI) (CA INDEX NAME)

RN 380237-22-9 CAPLUS

CN Acetamide, N-[1-[[7-[(2-methyl-1H-indol-5-yl)amino]thieno[3,2-b]pyridin-2-yl]carbonyl]-3-azetidinyl]- (9CI) (CA INDEX NAME)

RN 380237-25-2 CAPLUS

CN Pyrrolidine, 2-(ethoxymethyl)-1-[[7-[(2-methyl-1H-indol-5-yl)amino]thieno[3,2-b]pyridin-2-yl]carbonyl]-, (2R)- (9CI) (CA INDEX NAME)

Absolute stereochemistry.

RN 380237-26-3 CAPLUS

CN Pyrrolidine, 2-[(1-methylethoxy)methyl]-1-[[7-[(2-methyl-1H-indol-5-yl)amino]thieno[3,2-b]pyridin-2-yl]carbonyl]-, (2R)- (9CI) (CA INDEX NAME)

Absolute stereochemistry.

RN 380237-27-4 CAPLUS

CN Pyrrolidine, 2-[(cyclopropylmethoxy)methyl]-1-[[7-[(2-methyl-1H-indol-5-yl)amino]thieno[3,2-b]pyridin-2-yl]carbonyl]-, (2S)- (9CI) (CA INDEX

Absolute stereochemistry.

RN380237-28-5 CAPLUS

Pyrrolidine, 2-[(cyclopropylmethoxy)methyl]-1-[[7-[(2-methyl-1H-indol-5-yl)amino]thieno[3,2-b]pyridin-2-yl]carbonyl]-, (2R)- (9CI) (CA INDEX

Absolute stereochemistry.

RN

380237-29-6 CAPLUS
Pyrrolidine, 2-[(2-methoxyethoxy)methyl]-1-[[7-[(2-methyl-1H-indol-5-yl)amino]thieno[3,2-b]pyridin-2-yl]carbonyl]-, (2R)- (9CI) (CA INDEX CN

RN 380237-30-9 CAPLUS

Pyrrolidine, 2-(ethoxymethyl)-1-[[7-[(2-methyl-1H-indol-5-CN yl)amino]thieno[3,2-b]pyridin-2-yl]carbonyl]-, (2S)- (9CI) (CA INDEX NAME)

Absolute stereochemistry.

RN

380237-31-0 CAPLUS
Pyrrolidine, 2-[(2-methoxyethoxy)methyl]-1-[[7-[(2-methyl-1H-indol-5-CNyl)amino]thieno[3,2-b]pyridin-2-yl]carbonyl]-, (2S)- (9CI) (CA INDEX NAME)

RN380237-32-1 CAPLUS

Pyrrolidine, 2-[(1-methylethoxy)methyl]-1-[[7-[(2-methyl-1H-indol-5-CN yl)amino]thieno[3,2-b]pyridin-2-yl]carbonyl]-, (2S)- (9CI) (CA INDEX

Absolute stereochemistry.

RN380237-34-3 CAPLUS

Pyrrolidine, 2-(methoxymethyl)-1-[[7-[(2-methyl-6-CN quinolinyl)amino]thieno[3,2-b]pyridin-2-yl]carbonyl]-, (2S)- (9CI) (CA INDEX NAME)

Absolute stereochemistry.

RN

380237-35-4 CAPLUS Pyrrolidine, 2-(methoxymethyl)-1-[[7-[(2-methyl-6-CN quinolinyl)aminolthieno[3,2-b]pyridin-2-yl]carbonyl]-, (2R)- (9CI) INDEX NAME)

RN380237-36-5 CAPLUS CN Acetamide, N-(1-acetyl-2-methyl-1H-indol-5-yl)-N-[2-[[(2R)-2-(methoxymethyl)-1-pyrrolidinyl]carbonyl]thieno[3,2-b]pyridin-7-yl]- (9CI) (CA INDEX NAME)

Absolute stereochemistry.

RN380237-37-6 CAPLUS CN1H-Indole, 1-acetyl-5-[[2-[[(2R)-2-(methoxymethyl)-1pyrrolidinyl]carbonyl]thieno[3,2-b]pyridin-7-yl]amino]-2-methyl- (9CI) (CA INDEX NAME)

Absolute stereochemistry.

RN

380237-38-7 CAPLUS
Pyrrolidine, 1-[[7-[ethyl(1-ethyl-2-methyl-1H-indol-5-yl)amino]thieno[3,2-CNb]pyridin-2-yl]carbonyl]-2-(methoxymethyl)-, (2R)- (9CI) (CA INDEX NAME)

RN 380237-39-8 CAPLUS

CN Pyrrolidine, 1-[[7-[(1,2-dimethyl-1H-indol-5-yl)methylamino]thieno[3,2-b]pyridin-2-yl]carbonyl]-2-(methoxymethyl)-, (2R)- (9CI) (CA INDEX NAME)

Absolute stereochemistry.

RN 380237-41-2 CAPLUS

CN 2-Pyrrolidinemethanol, .alpha.,.alpha.-dimethyl-1-[[7-[(2-methyl-1H-indol-5-yl)amino]thieno[3,2-b]pyridin-2-yl]carbonyl]-, (2R)- (9CI) (CA INDEX NAME)

REFERENCE COUNT: 3 THERE ARE 3 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L4 ANSWER 2 OF 2 CAPLUS COPYRIGHT 2002 ACS ACCESSION NUMBER: 1999:325942 CAPLUS

DOCUMENT NUMBER: 131:5266

TITLE: Preparation of thienopyrimidines and thienopyridines

as anticancer agents

INVENTOR(S): Munchhof, Michael John; Sobolov-Jaynes, Susan Beth

PATENT ASSIGNEE(S): Pfizer Products Inc., USA

SOURCE: PCT Int. Appl., 91 pp.

CODEN: PIXXD2

DOCUMENT TYPE: Patent LANGUAGE: English

FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

	KIND DATE		DATE
WO 9924440	A1 19990520	WO 1999-TRICOI	10001000
W: AL, AM	, AT, AU, AZ, BA, BB,	BC BD DA CV CAL	19981022
DK. EE	ES FI CR CD CF	CH CM UD UU TR	CN, CU, CZ, DE,
KG. KP	, ES, FI, GB, GD, GE,	GH, GM, HR, HU, ID,	IL, IS, JP, KE,
MX NO	, KR, KZ, LC, LK, LR,	LS, LI, LU, LV, MD,	MG, MK, MN, MW,
דיד וום	NZ, PL, PT, RO, RU,	SD, SE, SG, SI, SK,	SL, TJ, TM, TR,
RW CH CM	UG, US, UZ, VN, YU,	ZW, AM, AZ, BY, KG,	KZ, MD, RU, TJ, TM
RW. OH, GM	KE, LS, MW, SD, SZ,	UG, ZW, AT, BE, CH,	CY, DE, DK, ES,
ri, rr	GB, GR, IE, IT, LU,	MC, NL, PT, SE, BF,	BJ, CF, CG, CI,
CM, GA	GN, GW, ML, MR, NE,	SN, TD, TG	
AH 0004541	AA 19990520	CA 1998-2309690	19981022
AU 9894541	A1 19990531	AU 1998-94541	19981022
EP 1028964	A1 20000823	EP 1998-947716	19981022
R: AT, BE,	CH, DE, DK, ES, FR,	GB, GR, IT, LI, LU,	NL, SE, PT, IE.
21, 11,	LV, FI, RO		, , ==, ==,
BR 9814018	A 20000926	BR 1998-14018	19981022
JP 2001522853	T2 20011120	JP 2000-520449	19981022
ZA 9810253	A 20000510	ZA 1998-10253	19981110
NO 2000002162	A 20000710	NO 2000-2162	20000427
PRIORITY APPLN. INFO	·:	US 1997-65097P P	19971111
	Ţ	WA 1998-TD1691 W	10001022
OTHER SOURCE(S):	MARPAT 131:5266	2220 121091 W	19901022

The title compds. [I and II; X1 = N, CH; R1 = H, alkyl, C(O)alkyl; R2 = (un)substituted C6-10 aryl, 5-13 membered heterocyclic; R11 = H, alkyl, C(O)NR6R9, etc.; R6 = H, alkyl, etc.; R9 = H, alkyl, etc.] and their pharmaceutically acceptable salts, useful for treating hyperproliferative disorders, were prepd. E.g., a multi-step synthesis of I [X1 = N; R1 = indol-5-yl; R2 = H; R11 = Br], was given. Compds. I are effective at 0.2-2.5 g/day for a 70 kg human.

RL: BAC (Biological activity or effector, except adverse); BSU (Biological study, unclassified); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses) (prepn. of thienopyrimidines and thienopyridines as anticancer agents)

RN 225384-40-7 CAPLUS CN 3-Butyn-1-ol, 4-[7-(1H-indol-5-ylamino)thieno[3,2-b]pyridin-2-yl]- (9CI) (CA INDEX NAME)

$$C = C - CH_2 - CH_2 - OH$$

REFERENCE COUNT: 5 THERE ARE 5 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

=> d his

(FILE 'HOME' ENTERED AT 15:40:11 ON 18 NOV 2002)

FILE 'REGISTRY' ENTERED AT 15:40:29 ON 18 NOV 2002

L1 STRUCTURE UPLOADED

L2 4 S L1

L3 131 S L1 FUL

FILE 'CAPLUS' ENTERED AT 15:41:38 ON 18 NOV 2002 2 S L3

=> logoff

L4

ALL L# QUERIES AND ANSWER SETS ARE DELETED AT LOGOFF

LOGOFF? (Y)/N/HOLD:Y

COST IN U.S. DOLLARS

SINCE FILE TOTAL
ENTRY SESSION
9.97 150.84

DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)

SINCE FILE TOTAL
ENTRY
SESSION
-1.24
-1.24

STN INTERNATIONAL LOGOFF AT 15:43:34 ON 18 NOV 2002